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PATENT

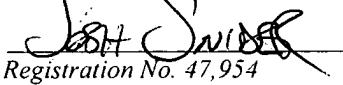
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Suomi et al.)
Serial No.: 10/656,517)
Filed: September 5, 2003)
For: CIRCUIT FOR DRIVING)
A STEPPER MOTOR AND)
METHOD OF CONTROLLING)
A STEPPER MOTOR DRIVER)
Patent No.: 6,903,531 B2)
Issued: June 7, 2005)
Art Unit: 2837)
Examiner: Masih, Karen)

I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Attn: Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

December 20, 2005

Date


Registration No. 47,954

Attorney for Applicant

REQUEST FOR CERTIFICATE OF CORRECTION UNDER RULE 322

Attn: Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. 1.322, patentees, through their attorneys, respectfully request that a Certificate of Correction be issued in the above-referenced patent.

The errors occurred as a result of mistakes on the part of the Patent and Trademark Office and the changes include the following:

*Certificate
DEC 28 2005
of Correction*

IN THE CLAIMS:

Col. 10, line 66, please insert the following:

--29. The driving method as defined in claim 28, wherein a torque of the stepper motor is kept generally constant over a continuous range of rotational shaft speeds.--

(Original Specification filed September 5, 2003. Claim 29 was allowed in the Office Action dated October 29, 2004, however it was inadvertently omitted from the issued patent.)

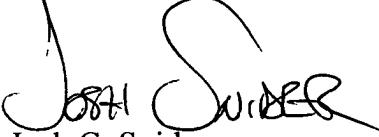
REMARKS

A Certificate of Correction incorporating the delineated change is enclosed in duplicate herewith. Since the mistake was on the part of the Patent and Trademark Office, a Certificate of Correction should be issued without expense to the patentee and such is respectfully requested. The Patent Office is authorized, however, to charge any fees necessary to Deposit Account No. 07-2069. A duplicate copy of this Paper is enclosed.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By



Josh C. Snider

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December 20, 2005

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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 6,903,531 *B2*

APPLICATION NO.: 10/656,517

ISSUE DATE : June 7, 2005

INVENTOR(S) : Suomi et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Claims:

Col. 10, line 66, please insert the following:

--29. The driving method as defined in claim 28, wherein a torque of the stepper motor is kept generally constant over a continuous range of rotational shaft speeds.--

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Josh C. Snider/GREER, BURNS & CRAIN, LTD.
300 South Wacker Drive, 25th Floor
Chicago, IL 60606

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**UNITED STATES PATENT AND TRADEMARK OFFICE
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